IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GLOTZER et al.

Appl. No. 09/881,736

Filed: June 18, 2001

Cyk-4 Polypeptides, DNA Molecules Encoding Them and Their use in Screening Methods Confirmation No. 8755

Art Unit:

1653

Examiner:

To be assigned

Atty. Docket: 0652.2260001/EKS/AES



Information Disclosure Statement

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Commissioner for Patents Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each of these documents is provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

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This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 and indicate in the official file wrapper of this patent application that the documents have been considered.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Eric K. Steffe

Attorney for Applicants Registration No. 36,688

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ATTY. DOCKET NO. 0652.2260001/EKS/AES APPLICATION NO. 09/881,736

APPLICANT

GLOTZER et al.

FILING DATE June 18, 2001 GROUP 1653

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	AR	<u>13</u>	Jantsch-Pl Caenorhabo	unger, V. and	Glotzer, M., "Depletion of embryo reveals a role for m l. 9:738-745, Current Biolo	syntaxins	sion event	ts in		
	AS	<u>13</u>	Required f	entsch-Plunger, V. et al., "CYK-4: A Rho Family GTPase Activating Protein (GAP) equired for Central Spindle Formation and Cytokinesis," J. Cell Biol. 19:1391-1404, The Rockefeller University Press (June 2000).						
	AT	<u>13</u>	chromosome	itna, S. et al., "Incenp and an Aurora-like kinase form a complex essential for romosome segregation and efficient completion of cytokinesis," <i>Curr. Biol.</i> :1172-1181, Elsevier Science Ltd. (September 2000).						
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	AS	<u>14</u>	Kosako, H. et al., "Specific accumulation of Rho-associated kinase at the cleavage furrow during cytokinesis: cleavage furrow-specific phosphorylation of intermediate filaments," Oncogene 18:2783-2788, Stockton Press (April 1999).							
	AT	<u>14</u>	Kull, F.J. structural (1996).	et al., "Cry similarity t	stal structure of the kines on myosin," <i>Nature 380</i> :550-5	in motor o	domain rev llan Publi	reals a shers Ltd.		
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	AS	<u>15</u>	Lamarche, 10:436-440	Lamarche, N. and Hall, A., "GAPs for rho-related GTPases," <i>Trends Genet.</i> 10:436-440, Elsevier Science Ltd. (1994).						
	AT	<u>15</u>			k, M.V., "Microtubules Are in Eggs," <i>Dev. Biol. 214</i> :21					
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	AS	<u>16</u>	Lewis, J. <i>I</i> 48:3-29, <i>I</i>	Lewis, J.A. and Fleming, J.T., "Basic Culture Methods," <i>Methods Cell Biol</i> . 48:3-29, Academic Press, Inc. (1995).						
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	AS	<u>17</u>	and mitos	is: evidence f	et al., "Colocalization of their possible interact Springer-Verlag (1998).	f TD-60 and ion in sign	d INCENP t	hroughout G2 tokinesis,"
	АТ	<u>17</u>	Mastronar	de, D.N. <i>et al</i> :1475-1489, Th	., "Interpolar Spindle Mic ne Rockefeller University P	rotubules : ress (1993	in PTK Cel	ls," J. Cell
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	AR	18	Mello, C.C	C. et al., "Ef	fficient gene transfer in <i>C</i> ation of transforming seque	C.elegans: e	xtrachromo J. 10:39!	osomal 59-3970,
	AS	<u>18</u>	Protein, K	Kar9p, Is Depe	The Cortical Localization of endent upon Actin and Prote 975, The Rockefeller Univers	ins Require	d for Pola	arization."
	АТ	<u>18</u>	Multinucle	eate Cell Form	'Inactivation of the Small (mation and Apoptosis in Mur rican Association of Immuno	ine T Lympho	oma EL4."	Rho Induces J. Immunol.
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ATTY. DOCKET NO. 0652.2260001/EKS/AES

APPLICATION NO. 09/881,736

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GLOTZER et al.

FILING DATE June 18, 2001 GROUP 1653

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	AS	<u>19</u>	microtubul	Islow, C. et al., "A plus-end-directed motor enzyme that moves antiparallel crotubules in vitro localizes to the interzone of mitotic spindles," <i>Nature</i> 59:543-547, Macmillan Publishers Ltd. (1992).						
	АТ	<u>19</u>	O'Connell, Mutants of	K.F. et al., E Caenorhabdit	"A Genetic Screen for Temp is elegans," Genetics 149:1	erature-Se	ensitive C	ell-Division		
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ATTY. DOCKET NO. 0652.2260001/EKS/AES

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	AS	<u>23</u>	Sablin, E.P. et al., "Crystal structure of the motor domain of the kinesin-related motor ncd," <i>Nature 380</i> :555-559, Macmillan Publishers Inc. (1996).						
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	AS	<u>24</u>	Schumacher, J.M. et al., "AIR-2: An Aurora/Ipll-related Protein Kinase Associated with Chromosomes and Midbody Microtubules Is Required for Polar Body Extrusion and Cytokinesis in <i>Caenorhabditis elegans</i> Embryos," <i>J. Cell Biol.</i> 143:1635-1646, The Rockefeller University Press (1998).						
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ATTY. DOCKET NO. 0652.2260001/EKS/AES

APPLICATION NO. 09/881,736

APPLICANT GLOTZER et al.

FILING DATE June 18, 2001

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